



Great Places Demand Great Science

EPA Science Forum

2 June 2004

Great Places Research

- Problem-driven
 - Objectives, endpoints of high stakeholder values
- Multimedia
- Long-term investments
- Public and private sector



Longstanding Programs

- Chesapeake Bay Agreement of 1983
- Great Lakes Water Quality Agreement – signed 1972, revision 1978
- Gulf of Mexico Program
 - Initiated 1988

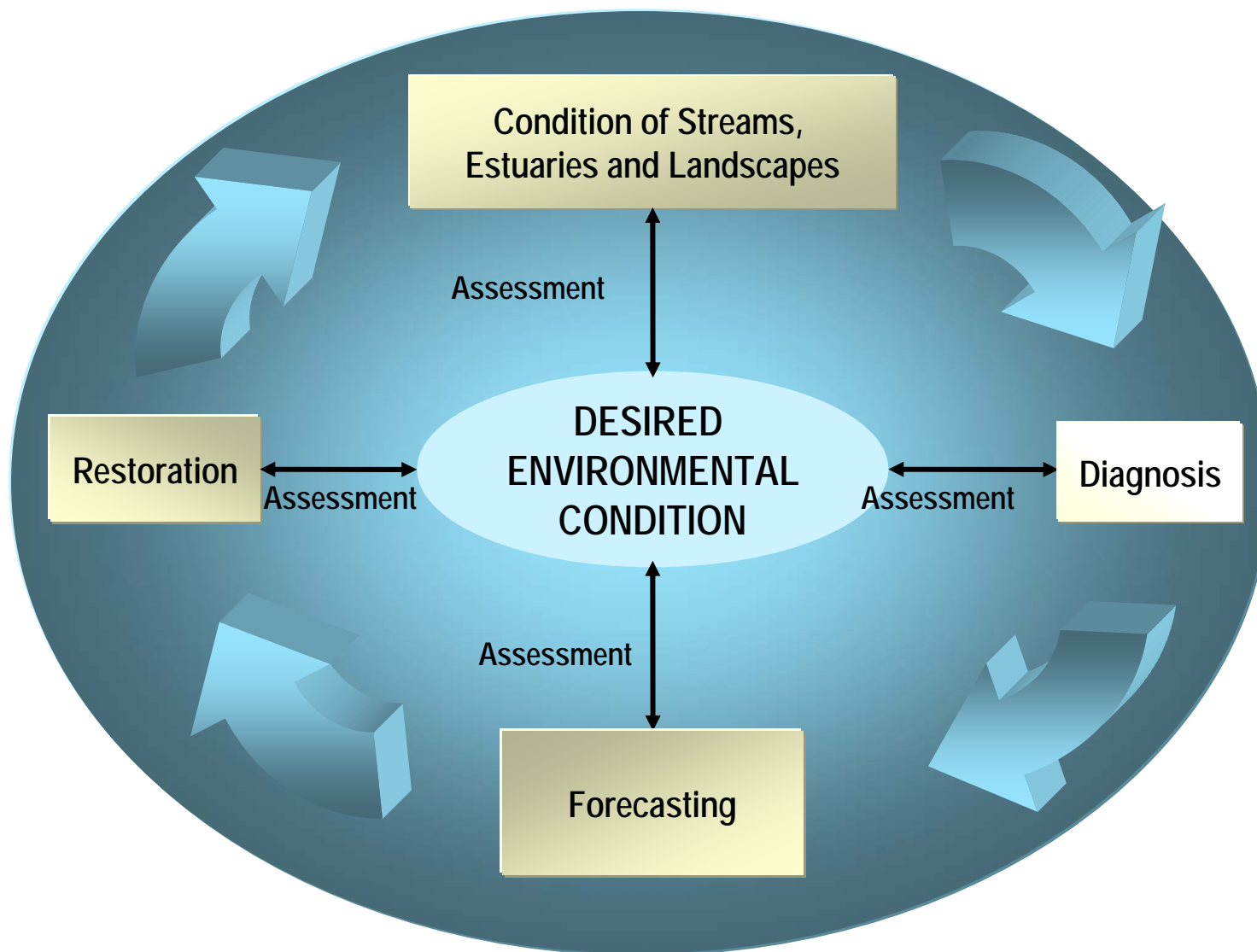


Great Places as Laboratories

- Where EPA's approach to Ecosystem Restoration and Preservation was shaped
- Where En Libra principles took form



FRAMEWORK FOR ECOLOGICAL RESEARCH AT EPA



RESEARCH & DEVELOPMENT

Building a scientific foundation for sound environmental decisions

Enlibra Principles

- **National Standards, Neighborhood Solutions -**
Assign responsibilities at the right level
- **Collaboration, Not Polarization -**
Use collaborative processes to break down barriers and find solutions



Enlibra Principles

- **Reward Results, Not Programs** - *Move to a performance-based, instead of process-based, system*
- **Science For Facts, Process for Priorities** - *Separate subjective choices from objective data gathering*
- **Markets Before Mandates** - *Pursue economic incentives whenever appropriate*



Enlibra Principles

- **Change a Heart, Change a Nation -**
Environmental education and understanding are crucial
- **Recognition of Benefits and Costs -**
Make sure all decisions affecting infrastructure, development and environment are fully informed
- **Solutions Transcend Political Boundaries -**
Use appropriate geographic boundaries to resolve problems



Speakers

- Rich Batiuk, EPA Region 3
Chesapeake Bay Program
- John G. Lyon, NERL/ORD/EPA
- Quenton Dokken, Gulf of Mexico
Foundation, Texas A&M Corpus
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